

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	(tun\$3 with channel) same (polyphase near mix\$3) same filter same equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:22
S2	2	channel same (polyphase near mix\$3) same filter same equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:23
S3	2	channel and ((polyphase near mix\$3) same filter same equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:23
S4	3	((polyphase near mix\$3) same filter same equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:24
S5	788	((mix\$3) same filter same equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:24
S6	97	(mix\$3 same filter same equalizer) and (tun\$3 with channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:26
S7	76	(mix\$3 same filter same equalizer) and (tun\$3 with channel) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:27
S8	12	(mix\$3 same filter same equalizer) same (tun\$3 with channel) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:35

S9	1	((phase near mix\$3) same filter same equalizer) and (tun \$3 with channel) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:36
S10	7	((phase near mix\$3) same filter same equalizer) and ( channel) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:42
S11	1347	((phase) with delay with equaliz\$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:44
S12	0	(poly with (phase) with delay with equaliz\$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:44
S13	5	S6 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 19:44
S14	251	group near delay near equaliz \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 13:44
S15	216	group near delay near equaliz \$3 and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 14:57
S16	1	((group near delay near equaliz\$3) with (transfer near function) with (pole near zero)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:00
S17	1	(group near delay near equaliz \$3) same ((transfer near function) with (pole near zero)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:01

S18	6	(group near delay near equaliz\$3) with ((transfer near function)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:04
S19	7	(group near delay near equaliz\$3) same ((transfer near function)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:06
S20	11	(group near delay near equaliz\$3) same ((transfer near function) or (pole near zero)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:09
S21	63	(group near delay near equaliz\$3) and ((transfer near function) or (pole near zero)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:42
S22	0	(bpf same (mix\$3) same synthesiz\$3) and (equaliz\$3 and (anti near aliasing near filter)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:47
S23	0	(bpf same (mix\$3) same synthesiz\$3) and (equaliz\$3 and (anti near aliasing near filter)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:48
S24	3	(bpf same (mix\$3) and synthesiz\$3) and (equaliz\$3 and (anti near aliasing near filter)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:49

S25	278	(bpf same (mix\$3) same synthesiz\$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:50
S26	36	(bpf same (mix\$3) same synthesiz\$3) and (equalizer) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:53
S27	35	(bpf same (mix\$3) same synthesiz\$3) and (equalizer) and channel and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 12:46
S28	0	(bpf same (mix\$3) same synthesiz\$3) and (equalizer) and (channel near select\$3 tuning) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:54
S29	1	(bpf same (mix\$3) same synthesiz\$3) and (equalizer) and (channel near (select\$3 or tuning)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 11:54
S30	57867	channel near (select\$3 or tun \$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 12:48
S31	31	S30 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 12:50
S32	20	S31 and (synthesiz\$3 same mix\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 12:50
S33	15625	(plural\$3 or multiple) near channel with (select\$3 or tun \$3 or receiving)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 13:45

S34	15625	((plural\$3 or multiple) near channel) with (select\$3 or tun \$3 or receiving)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 13:46
S35	12324	((plural\$3 or multiple) near channel) with (select\$3 or tun \$3 or receiving) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 13:46
S36	7	((plural\$3 or multiple) near channel) with (select\$3 or tun \$3 or receiving) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 13:51
S37	9	((plural\$3 or multiple) near channel) with (select\$3 or tun \$3 or receiving) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and (bpf same mixer same synthesizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 13:57
S38	0	((plural\$3 or multiple) near channel) with (select\$3 or tun \$3 or receiving) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and (bpf same mixer same equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 13:58
S39	45	((plural\$3 or multiple) near channel) with (select\$3 or tun \$3 or receiving) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and (bpf same mixer) and equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 14:03
S40	0	((plural\$3 or multiple) near channel) with (select\$3 or tun \$3 or receiving) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and (bpf same mixer same (pll or synthesizer)) and equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 13:59

S41	16	((plural\$3 or multiple) near channel) with (select\$3 or tun \$3 or receiving) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and (bpf same mixer same (pll or synthesizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 14:03
S42	0	(group near delay near equaliz \$3) same ((op near amp) or (operation\$3 near amplifier)) same (conductance same capacit\$4) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 14:59
S43	0	(group near delay near equaliz \$3) and ((op near amp) or (operation\$3 near amplifier)) same (conductance same capacit\$4) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 15:00
S44	0	(group near delay near equaliz \$3) and ((op near amp) or (operation\$3 near amplifier)) and (conductance same capacit\$4) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 15:00
S45	1	(group near delay near equaliz \$3) and ((op near amp) or (operation\$3 near amplifier)) and (conductance and capacit \$4) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 15:01
S46	6	(group near delay near equaliz \$3) and ((op near amp) or (operation\$3 near amplifier)) and (conductance or G) and (capacit\$4 or C) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/03 15:02

S48	13	"6236847"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/02 19:41
S49	2	"6985710"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/02 19:41
S50	150	((tuning or tuner ot tun\$3) with ((plural\$3 or differen\$3) near (channel or signal)) with (specific or particul\$3 or (one of))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/02 20:00
S51	6	stikvoort and sinderen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/02 19:52
S52	315	stikvoort	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/02 19:52
S53	1	((tuning or tuner ot tun\$3) with ((plural\$3 or differen\$3) near (channel or signal)) with (specific or particul\$3 or (one of))) and (mixer and (delay near equaliz\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/02 19:59
S54	2	((tuning or tuner ot tun\$3) with ((plural\$3 or differen\$3) near (channel or signal)) with (specific or particul\$3 or (one of))) and ((delay near equaliz \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/02 19:58
S55	2	((tuning or tuner ot tun\$3) with ((plural\$3 or differen\$3) near (channel or signal)) with (specific or particul\$3 or (one of))) and ((delay near equaliz \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/02 19:59
S56	1	((tuning or tuner ot tun\$3) with ((plural\$3 or differen\$3) near (channel or signal)) with (specific or particul\$3 or (one of))) and (mixer near (phase or polyphase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/02 20:00

S57	127	(tuning or tuner of tun\$3) with ((plural\$3 or differen\$3) near (channel or signal)) with (specific or particul\$3 or (one of)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/02 20:00
S58	2	((frequency near synthesiz\$4) with (mixer or mixing or mix\$3)) same (equaliz\$3)) and ((pole with zero) or (transfer near function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 17:41
S59	46	((frequency near synthesiz\$4) with (mixer or mixing or mix\$3)) same (equaliz\$3)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 17:45
S60	0	((frequency near synthesiz\$4) with (mixer or mixing or mix\$3)) same (equaliz\$3)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and (((plural\$3 or multiple) near channel) with (select\$3 or tun\$3 or receiving))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 17:43
S61	1	((frequency near synthesiz\$4) with (mixer or mixing or mix\$3)) same (equaliz\$3)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704") and (((plural\$3 or multiple) near channel) same (select\$3 or tun\$3 or receiving))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 17:43
S62	0	tun\$3 same (if with mix\$3) same (lpf or (low near if near filter)) same (delay near equaliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:32
S63	0	tun\$3 and (if with mix\$3) same (lpf or (low near if near filter)) same (delay near equaliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:32
S64	0	tun\$3 and ((if with mix\$3) same (lpf or (low near if near filter)) same (delay near equaliz\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:32

S65	0	((if with mix\$3) same (lpf or (low near if near filter)) same (delay near equaliz\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:33
S66	0	((if with mix\$3) same (lpf or (low near filter)) same (delay near equaliz\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:33
S67	0	((if with mix\$3) same (lpf or (low near filter))) and (delay near equaliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:33
S68	25	((mix\$3) same (lpf or (low near filter))) and (delay near equaliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:46
S69	751	((filter or bpf) same (synthesi\$4 same mix\$3)) and equaliz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:55
S70	647	((filter or bpf) same (synthesi\$4 same mix\$3)) and equaliz\$3 and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:56
S71	96	((filter or bpf) same (synthesi\$4 same mix\$3)) same equaliz\$3 and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:57
S72	65	((filter or bpf) same (synthesi\$4 with mix\$3)) same equaliz\$3 and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:57
S73	0	((filter or bpf) same (synthesi\$4 with2 mix\$3)) same equaliz\$3 and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 15:57

S74	65	((filter or bpf) same (synthesiz\$4 with mix\$3)) same equaliz\$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 16:23
S75	69	polyphase near mixer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 16:23
S76	3	(polyphase near mixer) and (group delay near equaliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:19
S77	120	(cable near tv) and ((bpf or (band pass)) same (synthesiz\$3 or (balanc\$3 near local near oscillat\$3)) same (mixer or mix43))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:23
S78	0	(cable near tv) and ((bpf or (band pass)) same (synthesiz\$3 or (balanc\$3 near local near oscillat\$3)) same (mixer or mix43) same (equaliz\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:22
S79	0	(cable near tv) and ((bpf or (band pass)) same (synthesiz\$3 or (balanc\$3 near local near oscillat\$3)) same (mixer or mix\$3) same (equaliz\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:23
S80	101	(cable near tv) and ((bpf or (band pass)) same (synthesiz\$3 or (balanc\$3 near local near oscillat\$3)) same (mixer or mix\$3)) and (equaliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:24
S81	100	(cable near tv) and ((bpf or (band pass)) same (synthesiz\$3 or (balanc\$3 near local near oscillat\$3)) same (mixer or mix\$3)) and (equaliz\$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:24
S82	2499	mix\$3 with frequenc\$4 with bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:54

S83	1221	tun\$3 and (mix\$3 with frequenc\$4 with bandwidth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:55
S84	79	tun\$3 and (mix\$3 with frequenc\$4 with bandwidth) and (equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:56
S85	67	tun\$3 and (mix\$3 with frequenc\$4 with bandwidth) and (equalizer) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:57
S86	16	tun\$3 and (mix\$3 with frequenc\$4 with low\$2 with bandwidth) and (equalizer) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/07 17:57
S87	16	tun\$3 and (mix\$3 with frequenc\$4 with (small\$2 or less\$2 or low\$2) with bandwidth) and (equalizer) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/08 08:49
S88	0	((intermediat\$3 near frequenc\$4) with (small\$2 or less\$2 or low\$2) with (channel near bandwidth)) and ((tuner or tuning or Tun\$3) same ((cable near tv) or catv)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/08 08:52
S89	0	((intermediat\$3 near frequenc\$4) with (small\$2 or less\$2 or low\$2) with (channel near bandwidth)) and ((tuner or tuning or Tun\$3) and ((cable near tv) or catv)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/08 08:53

S90	1	((intermediat\$3 near frequenc\$4) with (small\$2 or less\$2 or low\$2) with (channel near bandwidth)) and ((cable near tv) or catv) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/08 08:56
S91	6	((intermediat\$3 near frequenc\$4) with (small\$2 or less\$2 or low\$2) with (channel near bandwidth)) and (tv or catv) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/08 08:59
S92	0	((intermediat\$3 or (local oscillat\$3)) near frequenc\$4) with (small\$2 or less\$2 or low\$2) (than or then) with (channel near bandwidth)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/08 09:01
S93	0	((intermediat\$3 or (local oscillat\$3)) near frequenc\$4) with (small\$2 or less\$2 or low\$2) with (than or then) with (channel near2 bandwidth)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/08 09:02
S94	0	((intermediat\$3 or (local near oscillat\$3)) near frequenc\$4) with (small\$2 or less\$2 or low\$2) with (than or then) with (channel near2 bandwidth)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/08 09:03
S95	0	((intermediat\$3 or (local near oscillat\$3)) near frequenc\$4) with (small\$2 or less\$2 or low\$2) with (than or then) with (channel with bandwidth)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/08 09:04

S96	0	((intermediat\$3 or (local near oscillat\$3)) near frequenc\$4) with (small\$2 or less\$2 or low\$2) with (than or then) with (bandwidth)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/08 09:04
S97	44	(poly-phase or (poly phase) or polyphase) with ("IF" or (intermediate near frequency)) with (mixer or mix \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 11:31
S98	3	((group near2 delay) with equaliz\$4) or gde) same ((pole near zero) with one)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 15:23
S99	43	((group near2 delay) or equaliz\$4) or gde) same ((pole near zero) with one)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 15:24
S100	3	((group near2 delay) or equaliz\$4) or gde) same ((pole near zero) with symmetr\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 15:27
S101	23	((group near2 delay) or equaliz\$4) or gde) same (((transfer near function) or (pole near zero)) with symmetr\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 15:36
S102	117	((group near2 delay) or equaliz\$4 or gde) same (((transfer near function) or (pole near zero)) with (pair or symmetr\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 15:41
S103	24	"6266367"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 15:50
S104	6	"6542540"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 15:53
S105	192	only with one with pole with zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 16:01

S106	11	(only with one with pole with zero) and equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 16:01
S107	232	((group near2 delay) or equaliz\$4 or gde) same (((transfer near function) or (pole near zero) or constellation) with (pair or symmetr\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 16:07
S108	2	((group near2 delay) or equaliz\$4 or gde) same (((transfer near function) or (pole near zero) or constellation) with (pair or symmetr\$4) with (positive) with imaginary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 16:08
S109	2	((group near2 delay) or equaliz\$4 or gde) same (((transfer near function) or (pole near zero) or constellation) with (pair or symmetr\$4) with (positive) with axis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 16:08
S110	7	((group near2 delay) or equaliz\$4 or gde) same (((transfer near function) or (pole near zero) or constellation) with (pair or symmetr\$4) with (positive))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/23 16:09
S111	1	((real near axis) with (pole-zero or (pole zero)) with above) and equaliz\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/07/15 10:28
S112	1	((((imagianry or real) near axis) with (pole-zero or (pole zero)) with above) and equaliz \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/07/15 10:30
S113	2	((((imagianry or real) near axis) with (pole-zero or (pole zero)) with (along or above)) and equaliz\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/07/15 10:30
S114	10	equaliz\$4 and ((imagianry or real) near axis) with (pole-zero or (pole zero))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/07/15 10:31

S115	6	((above with (real axis)) or (along\$4 near2 (upper or positive) near2 imaginary near2 axis)) with (pole-zero or (pole zero))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/07/15 10:43
S116	12	((top or upper or above) with ((complex plane) or (real axis))) or (along\$4 near2 (upper or positive) near2 imaginary near2 axis)) with (pole-zero or (pole zero))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/07/15 11:03
S117	6	("5313398"   "5379231"   "5408638"   "5537329"   "5689685"   "5826215").PN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/07/15 11:09
S118	1	(US-6058258-\$).did.	USPAT	NEAR	ON	2009/07/15 14:40
S119	14	((top or upper or above) with ((complex plane) or (real axis))) or (along\$4 near2 (upper or positive) near2 axis)) with (pole-zero or (pole zero))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/01/16 13:55
S120	28	(pole\$2 near5 zero\$2) with (plot or graph) with (upper or positive or imaginary or along)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/01/16 14:01
S121	30	((pole\$2 near8 zero\$2) with (figure or plot or graph) with (upper or positive or imaginary or along)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2010/01/16 14:03

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